

# **DRAFT RENEWABLE ENERGY ORDINANCE**

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## **Regional Planning Commission Hearing**

**March 18, 2015**



# AGENDA

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**I. Purpose and Background**

**II. Draft Ordinance**

**III. Process**

# **PURPOSE & BACKGROUND**

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## **Purpose:**

- 1. Support local renewable energy generation**
- 2. Minimize impacts**
- 3. Provide clear zoning provisions**

# **PURPOSE & BACKGROUND**

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## **Components:**

- 1. Revise and add definitions**
- 2. Establish permitting process**
- 3. Provide regulations**

# PURPOSE & BACKGROUND

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**Why?**

- 1. Push from the State**
- 2. Increase of projects in the County**
- 3. Outdated Zoning Code**

# PURPOSE & BACKGROUND

## State Legislation

Year	Renewable Energy %	Deadline
2002	20%	2017
2006	20%	2010
2011	33%	2020

# PURPOSE & BACKGROUND

## County Projects





# PURPOSE & BACKGROUND

## Current Zoning Code

### Existing regulations

	Solar	Wind	Temp. MET Towers
On-Site (Small-Scale)		✓	✓
Off-Site (Utility-Scale)			

**DRAFT ORDINANCE**

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# **DRAFT ORDINANCE**

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## **Purpose:**

- 1. Support local renewable energy generation**
- 2. Minimize impacts**
- 3. Provide clear zoning provisions**

# **DRAFT ORDINANCE SUPPORT LOCAL GENERATION**

**Streamlined Process (Solar):**

**1. On-Site (Small-Scale)      ➡      Distributed  
2. Structure-Mounted      Generation**



# **DRAFT ORDINANCE SUPPORT LOCAL GENERATION**

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## **Permitting (Solar):**

### **On-Site (Small-Scale)**

**Structure-Mounted: Permitted**

**Ground-Mounted: Plot Plan**

### **Off-Site (Utility-Scale)**

**Structure-Mounted: Permitted**



# DRAFT ORDINANCE MINIMIZE IMPACTS

Promote:

1. On-Site (Small-Scale)
2. Structure-Mounted



# **DRAFT ORDINANCE: PURPOSE MINIMIZE IMPACTS**

**Consistent approach for ground-mounted  
utility-scale projects**



# **DRAFT ORDINANCE: PURPOSE MINIMIZE IMPACTS**

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## **Key Areas of Focus:**

- 1. Dust Control**
- 2. Water Use**
- 3. Aesthetics**
- 4. Safety Hazards**
- 5. Biota Impacts**



# DRAFT ORDINANCE MINIMIZE IMPACTS

## Dust Control

- “ Minimize site disturbance (erosion, grading, & etc.)
- “ During construction & operation





# DRAFT ORDINANCE MINIMIZE IMPACTS

## Water Use

- “ Amount and source
- “ During construction & operation





# DRAFT ORDINANCE MINIMIZE IMPACTS

## Aesthetics

- “ Protection of scenic resources
- “ Compatibility with surroundings



# DRAFT ORDINANCE MINIMIZE IMPACTS

## Safety Hazards

- “ Wind tower design and operation requirements
- “ Aviation-related hazards

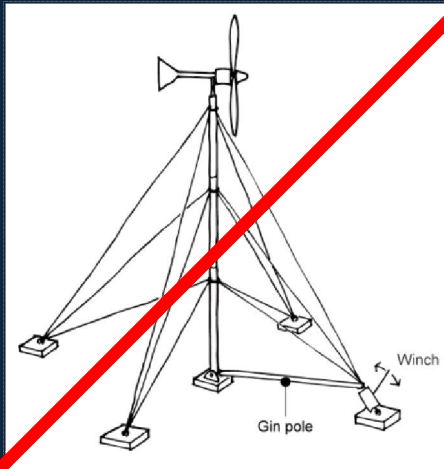


# DRAFT ORDINANCE

## MINIMIZE IMPACTS

### Biota Impacts

- “ Setbacks
- “ No guy wires & trellis-style towers



# **DRAFT ORDINANCE MINIMIZE IMPACTS**

## **Biota Impacts (Cont.)**

- “ Undergrounding of transmission lines**
- “ Clearing of vegetation around wind tower base**



# DRAFT ORDINANCE

## MINIMIZE IMPACT

### Biota Impacts (Cont.)

- “ Prohibition from SEAs
- “ No concentrated solar thermal collectors



# DRAFT ORDINANCE

## PROVIDE CLEAR PROVISIONS

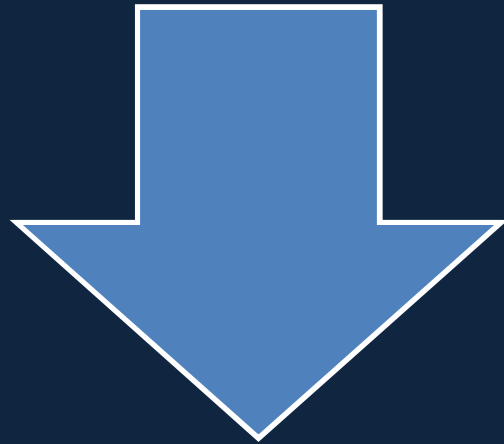
**Definitions, permitting, & regulations for  
ALL types of projects**

	Solar	Wind	Temp. MET Towers
On-Site (Small-Scale)	✓	✓	✓
Off-Site (utility-scale)	✓	✓	



# **DRAFT ORDINANCE SUMMARY**

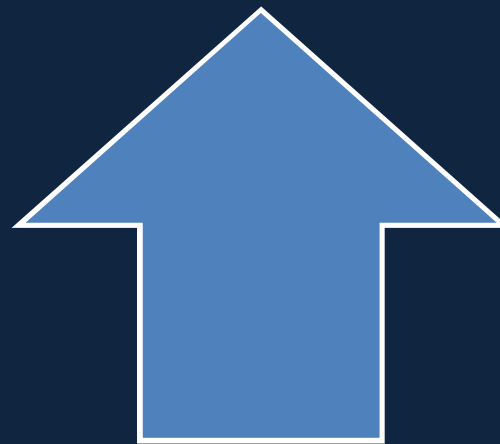
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**Renewable  
Energy  
Development**



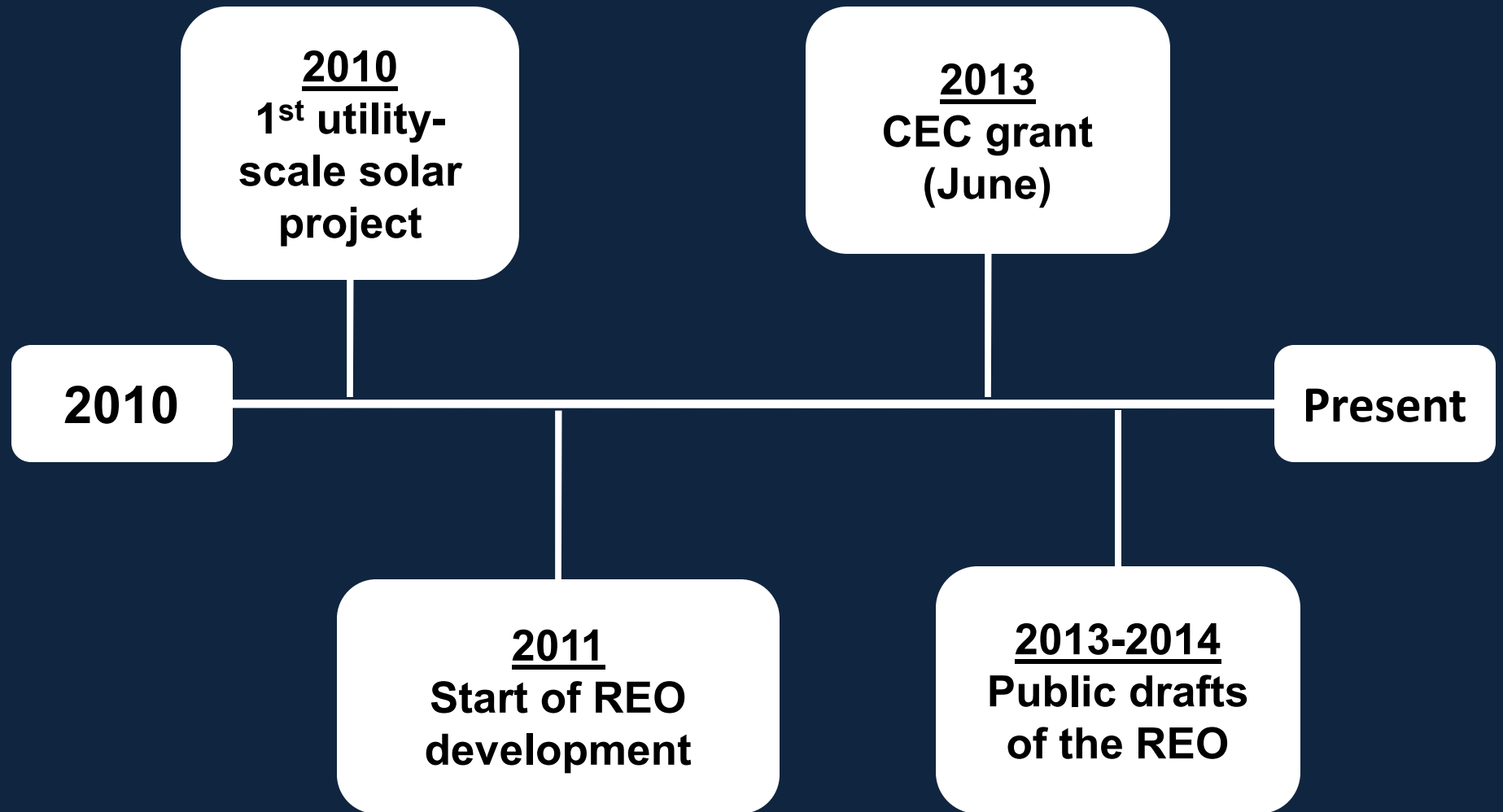
**Safety  
Hazards &  
Environmental  
Impacts**



**PROCESS**

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# PROCESS: TIMELINE



# PROCESS: OUTREACH

Nov. 2011

" 3 focus group sessions (residents, developers, & environmental organizations)

Oct. 2013

" Released 1<sup>st</sup> draft  
" Community meeting

May 2014

" Released 2<sup>nd</sup> draft

Sept. 2014  
to Jan. 2015

" Outreach to Rural Town Councils

# **PROCESS: EIR**

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**DEIR Release Date: 2/20/15**

**45-Day Comment Period End Date: 4/6/15**

**THANK YOU!**

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